BRITISH HEART JOURNAL

In association with the British Cardiac Society

Editorials

- 1 British Heart Journal: content ... and style DM Krikler, J Dawson
- 3 Electrophysiological basis for the use of adenosine in the diagnosis and treatment of cardiac arrhythmias L Belardinelli, B B Lerman
- 5 Haemodynamic effects of eating GDG Oakley

Original articles

- 7 Evaluation of exercise electrocardiography and thallium tomographic imaging in detecting asymptomatic coronary artery disease in diabetic patients M J Koistinen, H V Huikuri, H Pirttiaho, M K Linnaluoto, J T Takkunen
- 12 Diagnostic significance of gadolinium-DTPA (diethylenetriamine penta-acetic acid) enhanced magnetic resonance imaging in thrombolytic treatment for acute myocardial infarction: its potential in assessing reperfusion E E van der Wall, P R M van Dijkman, A de Roos, J Doornbos, A van der Laarse, V Manger Cats, A E van Voorthuisen, N A A Matheijssen, A V G Bruschke
- 18 Monitoring the effect of heparin by measurement of activated clotting time during and after percutaneous transluminal coronary angioplasty B Rath, D H Bennett
- 22 Effects of food on the central and peripheral haemodynamic response to upright exercise in normal volunteers JJ Yi, L Fullwood, K Stainer, A J Cowley, J R Hampton
- 26 Short term haemodynamic effects of converting enzyme inhibition before and after eating in patients with moderate heart failure caused by dilated cardiomyopathy: a double blind study B Herrlin, C Sylvén, O Nyquist, O Edhag
- 32 Left ventricular function during balloon dilatation of the aortic valve in elderly patients: a blind study of echocardiograms H Egeblad, A Wennevold
- 37 Open valvotomy for critical aortic stenosis in infancy M Burch, A N Redington, J S Carvalho, P Rusconi, E A Shinebourne, M L Rigby, M Paneth, C Lincoln
- 41 Doppler echocardiographic characteristics of normal and dysfunctioning prosthetic valves in the tricuspid and mitral position MPye, N Weerasana, WH Bain, I Hutton, S M Cobbe
- 45 Changes in the pressure-volume relation of the right ventricle when its loading conditions are modified A N Redington, M L Rigby, E A Shinebourne, P J Oldershaw
- 50 Anomalous origin of the left coronary artery from the pulmonary trunk: elucidation with colour Doppler flow mapping A B Houston, J C S Pollock, W B Doig, J Gnanapragasam, M P G Jamieson, S Lilley, E P Murtagh

Case reports

- 55 Treatment of a malignant bronchial carcinoid affecting the mediastinum and left atrium by radical two stage resection with cardiopulmonary bypass and somatostatin infusion C Darby, M Sinclair, S Westaby
- 58 Reversible impairment of myocardial function in hypoparathyroidism causing hypocalcaemia M Csanády, T Forster, J Julesz
- 61 Intrapericardial bleomycin for the management of cardiac tamponade secondary to malignant pericardial effusion MC Cormican, CR Nyman
- 63 Arterial microembolisation: an unusual presentation of dilated cardiomyopathy R L Gillespie, G M Mullen, M R Costanzo-Nordin
- 66 Pulmonary arterial occlusions and aneurysms: a forme fruste of Behçet's or Hughes-Stovin syndrome S Bowman, M Honey
- 68-71 Views from the past · Letters to the editor · Book review · Notices · Authors' checklist for manuscripts

VOLUME 63 · CONTENTS

No 1 JANUARY 1990

Page Editorials

- 1 British Heart Journal: content ... and style DM Krikler, J Dawson
- 3 Electrophysiological basis for the use of adenosine in the diagnosis and treatment of cardiac arrhythmias L. Belardinelli, B. B. Lerman
- 5 Haemodynamic effects of eating GDG Oakley

Original articles

- 7 Evaluation of exercise electrocardiography and thallium tomographic imaging in detecting asymptomatic coronary artery disease in diabetic patients M J Koistinen, H V Huikuri, H Pirttiaho, M K Linnaluoto, I T Takkunen
- Diagnostic significance of gadolinium-DTPA (diethylenetriamine penta-acetic acid) enhanced magnetic resonance imaging in thrombolytic treatment for acute myocardial infarction: its potential in assessing reperfusion E E van der Wall, P R M van Dijkman, A de Roos, J Doornbos, A van der Laarse, V Manger Cats, A E van Voorthuisen, N A A Matheijssen, A V G Bruschke
- Monitoring the effect of heparin by measurement of activated clotting time during and after percutaneous transluminal coronary angioplasty B Rath, D H Bennett
- 22 Effects of food on the central and peripheral haemodynamic response to upright exercise in normal volunteers J J Yi, L Fullwood, K Stainer, A J Cowley, J R Hampton
- Short term haemodynamic effects of converting enzyme inhibition before and after eating in patients with moderate heart failure caused by dilated cardiomyopathy: a double blind study B Herrlin, C Sylvén, O Nyquist, O Edhag
- 32 Left ventricular function during balloon dilatation of the aortic valve in elderly patients: a blind study of echocardiograms H Egeblad, A Wennevold
- 37 Open valvotomy for critical aortic stenosis in infancy M Burch, A N Redington, J S Carvalho, P Rusconi, E A Shinebourne, M L Rigby, M Paneth, C Lincoln
- 41 Doppler echocardiographic characteristics of normal and dysfunctioning prosthetic valves in the tricuspid and mitral position M Pye, N Weerasana, W H Bain, I Hutton, S M Cobbe
- 45 Changes in the pressure-volume relation of the right ventricle when its loading conditions are modified A N Redington, M L Rigby, E A Shinebourne, P J Oldershaw
- Anomalous origin of the left coronary artery from the pulmonary trunk: elucidation with colour Doppler flow mapping A B Houston, J C S Pollock, W B Doig, J Gnanapragasam, M P G Jamieson, S Lilley, E P Murtagh
- Treatment of a malignant bronchial carcinoid affecting the mediastinum and left atrium by radical two stage resection with cardiopulmonary bypass and somatostatin infusion C Darby, M Sinclair, S Westaby
- 58 Reversible impairment of myocardial function in hypoparathyroidism causing hypocalcaemia M Csanády, T Forster, J Julesz
- 61 Intrapericardial bleomycin for the management of cardiac tamponade secondary to malignant pericardial effusion MC Cormican, CR Nyman
- 63 Arterial microembolisation: an unusual presentation of dilated cardiomyopathy R L Gillespie, G M Mullen, M R Costanzo-Nordin
- 66 Pulmonary arterial occlusions and aneurysms: a forme fruste of Behçet's or Hughes-Stovin syndrome S Bowman, M Honey
- 68 Views from the past · Letters to the editor · Book review · Notices · Authors' checklist for manuscripts

No 2 FEBRUARY 1990

Editorial

73 Should coronary angiography be performed in district hospitals? P Mills

Original articles

- 74 Major complications of coronary arteriography: the place of cardiac surgery JT Stewart, H H Gray, D E Ward, C W Pumphrey, D R Redwood, D J Parker
- 78 High density lipoprotein cholesterol and triglycerides as markers of angiographically assessed coronary artery disease M Nikkilä, T Koivula, K Niemelä, T Sisto
- 82 Inflammatory response, neutrophil activation, and free radical production after acute myocardial infarction: effect of thrombolytic treatment D Bell, M Jackson, J J Nicoll, A Millar, J Dawes, A L Muir
- 88 Lipid peroxidation during myocardial ischaemia induced by pacing K G Oldroyd, M Chopra, A C Rankin, JJF Belch, S M Cobbe
- 93 Non-invasive determination of cardiac output by Doppler echocardiography and electrical bioimpedance D B Northridge, I N Findlay, J Wilson, E Henderson, H J Dargie
- 98 Optimal value of filling pressure in the right side of the heart in acute right ventricular infarction S Berisha, A Kastrati, A Goda, Y Popa
- Ambulatory pulmonary arterial pressure in primary pulmonary hypertension: variability, relation to systemic arterial pressure, and plasma catecholamines A M Richards, H Ikram, I G Crozier, M G Nicholls, S Jans
- 109 Enhanced morphological diagnosis in infective endocarditis by transoesophageal echocardiography MA Taams, E J Gussenhoven, E Bos, P de Jaegere, JRT C Roelandt, GR Sutherland, N Bom
- Familial restrictive cardiomyopathy with atrioventricular block and skeletal myopathy A P Fitzpatrick,

 L M Shapiro, A F Rickards, P A Poole-Wilson

 H Foreborn, P O Olefton, A Fribron, S Anderson
- Cardiac involvement in congenital myotonic dystrophy H Forsberg, B-O Olofsson, A Eriksson, S Andersson
 Abnormalities of the spleen in relation to congenital malformations of the heart: a survey of necropsy findings in children C Anderson, W A Devine, R H Anderson, D E Debich, J R Zuberbuhler

Case reports

- 129 Pseudoaneurysm of the right ventricular outflow tract: diagnosis by colour flow mapping N Sreeram, G R Sutherland, J McGhie
- 132 Blood filled cyst of the papillary muscle of the mitral valve producing severe left ventricular outflow tract obstruction IR Arnold, P J B Hubner, R K Firmin
- Gonococcal arthritis complicated by acute pericarditis and pericardial effusion J Wilson, A G Zaman,

 A V Simmons

- 136 Low pressure cardiac tamponade: diagnosis facilitated by Doppler echocardiography S N Hayes, W K Freeman, B I Gersh
- 77 Views from the past
- 140 Notices

No 3 MARCH 1990

- 141 Electrical neurostimulators for pain relief in angina JE Sanderson
- 143 Cardiac defects in the children of mothers with high concentrations of plasma phenylalanine DP Brenton
- 145 Identification of a high risk subgroup of patients with silent ischaemia after myocardial infarction: a group for early therapeutic revascularisation? M de Belder, D Skehan, C Pumphrey, B Khan, S Evans, M Rothman,
- 151 Non Q wave infarction: exercise test characteristics, coronary anatomy, and prognosis JP Fox, JM Beattie, M S Salih, M K Davies, W A Littler, R G Murray
- Concentrations of plasma atrial natriuretic factor during and after reversion of ventricular tachycardia N Twidale, J R Oliver, M Menadue, A M Tonkin
- 157 What is meant by a "controlled" ventricular rate in atrial fibrillation? J M Rawles
- Range of atrioventricular conduction disturbances in Lyme borreliosis: a report of four cases and review of other 162 published reports MR van der Linde, HJGM Crijns, J de Koning, JA A Hoogkamp-Korstanje, JJ de Graaf, D A Piers, A van der Galiën, K I Lie
- Familial ventricular tachycardia: a report of four families C Wren, E Rowland, J Burn, R W F Campbell 169
- Echocardiographic appearance of pulmonary artery stenosis J W Swan, J B Chambers, M J Monaghan, 175 G Jackson

Case reports

- 178 Percutaneous transluminal coronary angioplasty with cardiopulmonary bypass for stenosis of the most proximal
- part of the left anterior descending coronary artery O Ueda, K Kohchi, N Koga
 Origin of the left coronary artery from the right pulmonary artery and ventricular septal defect in a child of a 180 mother with raised plasma phenylalanine concentrations throughout pregnancy D Henglein, H Niederhoff, H Bode
- Thrombosed saccular aneurysm of a sinus of Valsalva: unusual cause of a mediastinal mass PG Reid, 183 J A Goudevenos, C J Hilton
- 186 Pulmonary oedema with shock induced by hydrochlorothiazide: a rare side effect mimicking myocardial infarction A Hoegholm, S W Rasmussen, K S Kristensen
- 187 Absence of the aortic valve cusps with mitral atresia, normal left ventricle, and intact ventricular septum A Cabrera, J M Galdeano, E Pastor

Measurement

- 189 Limitations of Doppler ultrasound in the assessment of the function of prosthetic mitral valves J Chambers, G Jackson, D Jewitt
- 195 Automated non-invasive measurement of cardiac output by the carbon dioxide rebreathing method: comparisons with dye dilution and thermodilution A E Russell, S A Smith, M J West, P E Aylward, R J McRitchie, R M Hassam, R B Minson, L M H Wing, J P Chalmers

British cardiology

- 200 Bernard A Robinson 1888-1979: an unknown pioneer of electrocardiography A Hollman
- 188 Notices

No 4 APRIL 1990

Viewpoint

- 205 Balloon dilatation of the aortic valve in adults: a surgeon's view T Treasure
- 207 Balloon dilatation of the aortic valve in adults: a physician's view K J Beatt

Original articles

- 209 Relation of filling pattern to diastolic function in severe left ventricular disease KSKNg, DG Gibson
- Functional importance of the long axis dynamics of the human left ventricle CJH Jones, L Raposo, D G Gibson 215
- Haemodynamic changes caused by alteration of autonomic activity in patients with heart failure K J Osterziel, 221 R Dietz, J Manthey, W Schmid, W Kübler
- 225 Time of occurrence, duration, and ventricular rate of paroxysmal atrial fibrillation: the effect of digoxin J M Rawles, M J Metcalfe, K Jennings
- 228 Study of serum C-reactive protein concentration in cardiac failure M Pye, A P Rae, S M Cobbe
- Reduction of factor VII coagulant activity (VIIC), a risk factor for ischaemic heart disease, by fixed dose warfarin: 231 a double blind crossover study L Poller, P K MacCallum, J M Thomson, W Kerns
- Phaeochromocytoma and catecholamine induced cardiomyopathy presenting as heart failure S H Sardesai, 234 A J Mourant, Y Sivathandon, R Farrow, D O Gibbons
- Balloon dilatation of the aortic valve in a pulsatile flow model: assessment of the mechanisms and the magnitude and duration of changes in valve area and gradient E Rosenthal, J K Montarello, A C Perakis, E G C A Boyd, M Rosin, A K Yates, P B Deverall, E Sowton, P V L Curry 238

Case reports

- 246 Embolisation of a complex coronary arteriovenous fistula in a 6 year old child: the need for specialised embolisation techniques JF Reidy, MJ Tynan, S Qureshi
- Balloon dilatation of tricuspid stenosis caused by carcinoid heart disease PA Mullins, JA Hall, LM Shapiro 249
- Pulmonary artery sling: definitive diagnosis by colour Doppler flow mapping avoiding cardiac catheterisation J P Gnanapragasam, A B Houston, M P G Jamieson

Technology

- Short term results of percutaneous transluminal coronary angioplasty with a monorail technique: experience in 253 the first 1000 patients PJ de Feyter, PW Serruys, M van den Brand, H Suryapranata, K Beatt
- 260 A technique for replacing a prosthetic aortic valve after total aortic root replacement S Shawkat, P P Sarangi, R K Firmin
- 237 Views from the past
- 262 Letter to the editor · Notice

Editorials

- 263 Hypertrophic cardiomyopathy: one disease or several? M J Davies
- 265 Hypertrophic cardiomyopathy in the elderly L M Shapiro

Original articles

- 267 Six year follow up of a consecutive series of patients presenting to the coronary care unit with acute chest pain: prognostic importance of the electrocardiogram MJ Metcalfe, J M Rawles, C Shirreffs, K Jennings
- 273 Effect of thrombolysis on the evolution of late potentials within 10 days of infarction M Eldar, J Leor, H Hod, Z Rotstein, S Truman, E Kaplinsky, S Abboud
- Sustained improvement in left ventricular function after successful coronary angioplasty R A Perry, A Singh, A Seth, E J Flint, A Hunt, R G Murray, M F Shiu
 Mechanism of the increased ventilatory response to exercise in patients with chronic heart failure N P Buller,
- Mechanism of the increased ventilatory response to exercise in patients with chronic heart failure N P Buller P A Poole-Wilson
- Post-extrasystolic potentiation without a compensatory pause in normal and diseased hearts P J P Kuijer, T van der Werf, F L Meijler
- 287 Hypertrophic cardiomyopathy without hypertrophy: two families with myocardial disarray in the absence of increased myocardial mass W J McKenna, J T Stewart, P Nihoyannopoulos, F McGinty, M J Davies
- 291 Streptokinase treatment for femoral artery thrombolysis after arterial cardiac catheterisation in infants and children F Brus, M Witsenburg, W J D Hofhuis, J A Hazelzet, J Hess
- 295 Evaluation of pulmonary arterial pressure by Doppler colour flow mapping in patients with a ductus arteriosus K Aziz, H Tasneem
- 300 Preoperative measurement of pulmonary vascular resistance in complete transposition of the great arteries A Bush, C M Busst, W B Knight, J S Carvalho, M L Rigby, E A Shinebourne
- 304 Early diastolic clicks after the Fontan procedure for double inlet left ventricle: anatomical and physiological correlates A N Redington, K-Y Chan, J S Carvalho, E A Shinebourne

Case reports

- 308 Sudden death in hypertrophic cardiomyopathy with normal left ventricular mass B J Maron, A H Kragel, W C Roberts
- 311 Dilated and contracted forms of primary endocardial fibroelastosis: a single fetal disease with two stages of development A M Carceller, E Maroto, J-C Fouron
- 314 Cor triatriatum dexter: antemortem diagnosis in an adult by cross sectional echocardiography A Trakhtenbroit, P Majid, R Rokey

British cardiology

- 317 Proposals for a new training programme for cardiology Joint Training and Manpower Group representing the Specialty Advisory Committee and the Cardiology Committee of the Royal College of Physicians of London, and the British Cardiac Society
- 307 Views from the past
- 320 Notices

No 6 JUNE 1990

Editorials

- 321 Percutaneous transluminal coronary angioplasty: what next? U Sigwart
- 323 Restrictive cardiomyopathy PT Wilmshurst, D Katritsis

Epidemiology

325 Exercise in leisure time: coronary attack and death rates JN Morris, DG Clayton, MG Everitt, AM Semmence, EH Burgess

Original articles

- Early detection of acute myocardial infarction: additional diagnostic information from serum concentrations of myoglobin in patients without ST elevation E M Ohman, C Casey, J R Bengtson, D Pryor, W Tormey, JH Horgan
- 339 Importance of reciprocal ST segment depression in leads V5 and V6 as an indicator of disease of the left anterior descending coronary artery in acute inferior wall myocardial infarction B Strasberg, A Pinchas, G I Barbash, H Hod, S Rat, Y Har-Zahav, A Caspi, S Sclarovsky, J Agmon
- QT dispersion: an indication of arrhythmia risk in patients with long QT intervals CP Day, J M McComb, R W F Campbell
- 345 Changing role of non-invasive investigation in the preoperative assessment of congenital heart disease: a nine year experience N Sreeram, A M Colli, J L Monro, D F Shore, R K Lamb, L V Fong, J H Smyllie, B R Keeton, G R Sutherland
- 350 Isolated pulmonary vein atresia S Cullen, P F Deasy, E Tempany, D F Duff
- 355 Cross sectional echocardiographic identification of hypoplastic left heart syndrome and differentiation from other causes of right ventricular overload P Ludman, R Foale, N Alexander, P Nihoyannopoulos
- 362 Balloon dilatation of critical stenosis of the pulmonary valve in neonates E J Ladusans, S A Qureshi, J M Parsons, S Arab, E J Baker, M Tynan

Case reports

- 368 Right sided endocarditis after balloon dilatation of the pulmonary valve G S Kalra, G S Wander, I S Anand
- 370 Management of an infected graft in the ascending aorta by an omental pedicel graft and irrigation with povidone iodine W Joyce, S Huddy, E E J Smith
- 372 Pseudoxanthoma elasticum presenting with myocardial infarction A K B Slade, R M John, R H Swanton Obituary
- 374 Byron Evans
- 375 List of advisers
- 369 Views from the past
- 371 Notice
- 376 Index